

Patent Abstracts of Japan

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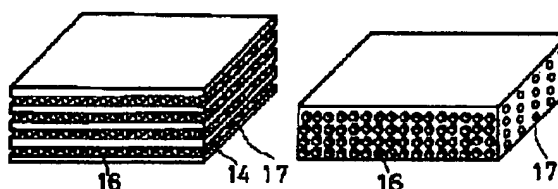
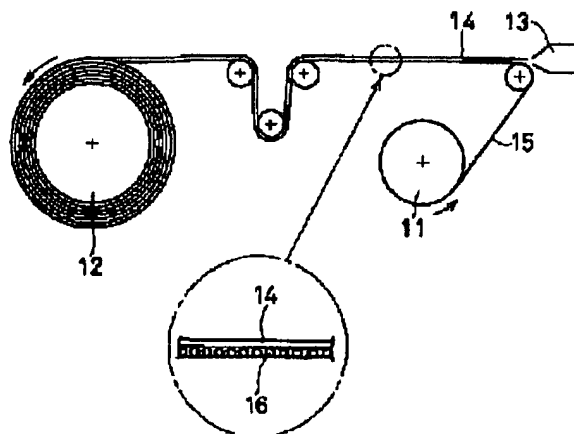
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TITLE : CONDUCTIVE ELASTIC CONNECTOR
AND MANUFACTURE THEREOF



ABSTRACT : **PURPOSE:** To provide an elastic connector capable of fine pitch wiring and having high connecting reliability by interposing a woven cloth in which one of warp and weft is a conductive yarn 16 and the other is an electrically insulated yarn 17 between insulating polymer elastic bodies, and passing through and projecting both ends of the conductive yarn.

CONSTITUTION: A conductive woven cloth 15 is moved from a bobbin 11 to a wind-up bobbin 12. In this process, a silicone rubber sheet 14 extruded from a die 13 of an extrusion molding machine is put on the conductive woven cloth 15 and they are wound up together. The silicone rubber/conductive woven cloth stacked body is cut vertically to the stacking direction to form a stacked sheet. The stacked sheet is pressed and heated with a press to conduct primary curing and to form a block body. The block body is sliced in a sheet, then secondary curing is conducted with a hot air oven. The sheet after secondary curing is cut to obtain an elastic connector.

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